

IN THE UNITED STATES PATENT & TRADEMARK OFFICE .

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Transmittal herewith for filing in regard to the patent application of:

Inventor(s):

: L

LI, Anwu

Title:

DIFFUSION BONDING FOR METALLIC MEMBRANE JOINING WITH

METALLIC MODULE

Serial No.:

10/720529

Filed:

25 November 2003

Art Unit:

unassigned

Enclosed are:

[X] Information Disclosure Statement; and

[X] Forms PTO/SB/08A&B and copies of the foreign patent documents and non-patent documents listed thereon.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

Respectfully submitted,

OYEN WIGGS GREEN & MUTALA

By:

Gerald O.S. Oyen

Registration No. 27,280

Date: 24 February 2004

Oyen Wiggs Green & Mutala #480 - The Station 601 West Cordova Street Vancouver, B.C. Canada V6B 1G1



M596 0008 MAH/GSO/rc

Paper No.:____

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DIFFUSION BONDING FOR METALLIC MEMBRANE JOINING WITH

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24 February 2004

Director of the United States Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Disclosure Statement Pursuant to 37 C.F.R. §1.56

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant(s) and/or their agents and is being submitted in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with 37 C.F.R. §1.98, transmitted herewith are:

- 1. A completed copy of Form PTO/SB/08 "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and
- 2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after 30 June 2003.

As this application was filed after 30 June 2003, copies of the U.S. patents and published U.S. patent applications listed on the enclosed Form PTO/SB/08 are not required and, therefore, not included herewith.

37 CFR §1.97(e) Certification

I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in any communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

I hereby certify that each item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Respectfully submitted,

By:

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known			
Application Number	10/720529		
Filing Date	25 November 2003		
First Named Inventor	Anwu Li		
Art Unit	unassigned		
Examiner Name	unassigned		
Attorney Docket Number	M596 0008		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,582,499 B2	06-24-2003	Frost et al.	
	ļ. <u>-</u>	US- 6,555,778 B1	04-29-2003	Barnett	
		US- 6,464,129 B2	10-15-2002	Stueber et al.	
		US- 6,458,189 B1	10-01-2002	Edlund et al.	
		US- 6,183,543 B1	02-06-2001	Buxbuam	
		US- 5,904,754	05-18-1999	Juda et al.	
		US- 4,313,013	01-26-1982	Harris	
		US-			

		FOREI	GN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Ι.
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		GB 2 355 418 A	04-25-2001	ljaz et al.		
		EP 1 184 125 A1	03-06-2002	Tosti		
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Signature		Considered

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Substitute for form 1449/PTO	Complete if Known		
Substitute for form 1443/1 TO	Application Number	10/720529	
INFORMATION DISCLOSURE	Filing Date	25 November 2003	
STATEMENT BY APPLICANT	First Named Inventor	Anwu Li	
(Use as many sheets as necessary)	Art Unit	unassigned	
(USE as many sneets as necessary)	Examiner Name	unassigned	
Sheet 1 of 1	Attorney Docket Number	M596 0008	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FLANAGAN, et al., "Hydrogen-induced rearrangements in Pd-rich alloys", Journal of Alloys and Compounds 293-295 (1999) 161-168, ELSEVIER.	
		GUOGE, et al., "Microstructure of the interface of a solid state diffusion bond between Inconel alloy 718 and 17-4 PH stainless steel", J. Mat. Sc. Lett. 20, (2001) 1937-1940.	
		HAYASHI, et al., "Hydrogen-Induced Enhancement of Interdiffusion in Cu-Ni Diffusion Couples", Physical Review Letters, Vol. 80, No. 25, (22 June 1998) 5588-5590.	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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